

Express Mail No. EV335520968US

Attorney Docket No. 108298525US

Disclosure No. 00-0007

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: CHAD A. COBBLEY

APPLICATION NO.: 09/649,428

FILED: AUGUST 28, 2000

FOR: PACKAGED MICROELECTRONIC DEVICES
WITH INTERCONNECTING UNITS AND
METHODS FOR MANUFACTURING AND
USING THE INTERCONNECTING UNITS

EXAMINER: ALONZO CHAMBLISS

ART UNIT: 2827

CONF. NO: 7172

Supplemental Information Disclosure Statement
As Submission Under 37 C.F.R. § 1.114Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

1. Timing of Submission

This information disclosure is being filed with a Request for Continued Examination under 37 C.F.R. § 1.114. The references listed on the enclosed Form PTO-1449 (modified) may be material to the examination of this application; the Examiner is requested to make them of record in the application.

2. Cited Information☒ Copies of the following references are enclosed:

- ☒ All cited references
- ☐ References marked by asterisks
- ☐ The following:

☐ Copies of the following references can be found in parent U.S. Application No.:

- ☐ All cited references
- ☐ References marked by asterisks
- ☐ The following:

☒ The following references are not in English. For each such reference, the undersigned has enclosed (i) a translation of the reference; (ii) a copy of a communication from a foreign patent office or International Searching Authority citing the reference, (iii) a copy of a reference which appears to be an English-language counterpart, or (iv) an English-language abstract for the reference

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prepared by a third party. Applicant has not verified that the translation, English-language counterpart or third-party abstract is an accurate representation of the teachings of the non-English reference, though, and reserves the right to demonstrate otherwise.

- ☐ All cited references
- ☒ References marked by a pound sign (#)
- ☐ The following:

3. Effect of Information Disclosure Statement (37 CFR 1.97(h))

This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the cited information is, or is considered to be, material to patentability. In addition, applicant does not admit that any enclosed item of information constitutes prior art to the subject invention and specifically reserves the right to demonstrate that any such reference is not prior art.

4. Fee Payment

No fees are believed due. However, should the Commissioner determine that fees are due in order for this Information Disclosure Statement to be considered, the Commissioner is hereby authorized to charge such fees to Deposit Account No. 50-0665.

5. Patent Term Adjustment (37 CFR 1.704(d))

- ☐ The undersigned states that each item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this statement. 37 C.F.R. § 1.704(d).

Date: 8/20/03

Respectfully submitted,
Perkins Coie LLP



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT Form PTO-1449 (Modified) (Use several sheets if necessary)				COMPLETE IF KNOWN	
				Application Number	09/649,428
				Confirmation Number	7172
				Filing Date	August 28, 2000
				First Named Inventor	Chad A. Cobbley
				Group Art Unit	2827
Examiner Name	Alonzo Chambliss				
Sheet	1	of	4	Attorney Docket No.	108298525US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
		2002/0016023 U.S. Application No. 09/955,620 (Atty Docket No. 108298516US1)	A1	Bolken	Filed 09/19/2001	
		2002/0048843 U.S. Application No. 09/955,613 (Atty Docket No. 108298516US2)	A1	Bolken	Filed 09/19/2001	
		2002/0052063 U.S. Application No. 09/955,897 (Atty Docket No. 108298516US3)	A1	Bolken	Filed 09/19/2001	
		2002/0050654 U.S. Application No. 09/955,612 (Atty Docket No. 108298516US4)	A1	Bolken	Filed 09/19/2001	
		2003/0106709 U.S. Application No. 10/267,080 (Atty Docket No. 108298526US1)	A1	Ahmad	Filed 10/07/2002	
		2003/0109083 U.S. Application No. 10/266,848 (Atty Docket No. 108298526US3)	A1	Ahmad	Filed 10/07/2002	
		2002/0175399 U.S. Application No. 10/099,155 (Atty Docket No. 108298524US1)	A1	James et al.	Filed 03/13/2002	

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DATE CONSIDERED

*EXAMINER: Initial If reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).

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		NUMBER	Kind Code (if known)			
		2003/0029633 U.S. Application No. 10/266,847 (Atty Docket No. 108298526US2)	A1	Ahmad	Filed 10/07/2002	
		4,777,520		Nambu et al.	10/11/1988	
		4,855,807		Yamaji et al.	08/08/1989	
		4,866,506		Nambu et al.	09/12/1989	
		4,887,149		Romano'	12/12/1989	
		5,147,821		McShane et al.	09/15/1992	
		5,191,174		Chang et al.	03/02/1993	
		5,195,023		Manziona et al.	03/16/1993	
		5,208,467		Yamazaki	05/04/1993	
		5,296,738		Freyman et al.	03/22/1994	
		5,309,026		Matsumoto	05/03/1994	
		5,314,842		Sawaya et al.	05/24/1994	
		5,363,280		Chobot et al.	11/08/1994	
		5,365,655		Rose	11/22/1994	
		5,474,958		Djennas et al.	12/12/1995	
		5,527,743		Variot	06/18/1996	
		5,596,231		Combs	01/21/1997	
		5,606,204		Tsuji	02/25/1997	
		5,609,889		Weber	03/11/1997	
		5,612,576		Wilson et al.	03/18/1997	
		5,635,220		Izumi et al.	06/03/1997	
		5,665,281		Drummond	09/09/1997	
		5,665,296		Jain et al.	09/09/1997	

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				Group Art Unit	2827
Examiner Name	Alonzo Chambliss				
Attorney Docket No.	108298525US				
Sheet	3	of	4		

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		NUMBER	Kind Code (if known)			
		5,710,071		Beddingfield et al.	01/20/1998	
		5,721,450		Miles	02/24/1998	
		5,728,600		Saxelby, Jr. et al.	03/17/1998	
		5,750,423		Ishii	05/12/1998	
		5,766,649		Azuma	06/16/1998	
		5,767,446		Ha et al.	06/16/1998	
		5,796,159		Kierse	08/18/1998	
		5,842,275		McMillan, II et al.	12/01/1998	
		5,917,234		Tsuruzono	06/29/1999	
		5,928,595		Knapp et al.	07/27/1999	
		5,945,130		Saxelby, Jr. et al.	08/31/1999	
		5,964,030		Lee et al.	10/12/1999	
		5,998,243		Odashima et al.	12/07/1999	
		6,054,755		Takamichi et al.	04/25/2000	
		6,100,598		Kanesaka	08/08/2000	
		6,114,189		Chia et al.	09/05/2000	
		6,191,472	B1	Mazumder	02/20/2001	
		6,235,994	B1	Chamberlin et al.	05/22/2001	
		6,242,802	B1	Miles et al.	06/05/2001	
		6,291,895	B1	Taniguchi et al.	09/18/2001	
		6,329,603	B1	Japp et al.	12/11/2001	
		6,338,813	B1	Hsu et al.	01/15/2002	
		6,403,009	B1	Saxelby, Jr. et al.	06/11/2002	
		6,413,801	B1	Lin	07/02/2002	
		6,472,252	B2	Mess	10/29/2002	

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Examiner Name	Alonzo Chambliss					
Sheet	4	of	4	Attorney Docket No.	108298525US	

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		NUMBER	Kind Code (if known)			
		6,483,044	B1	Ahmad	11/19/2002	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.	Foreign Patent or Application			Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	NUMBER	Kind Code (if known)				
	#	JP	11026489	A	Trimex Co. Ltd.	01/29/1999		
	#	JP	62229949	A	Oki Electric Ind. Co. Ltd.	10/08/1987		
	#	JP	60208847	A	Oki Electric Ind. Co. Ltd.	10/21/1985		
	#	JP	05299536	A	Oki Electric Ind. Co. Ltd.	11/12/1993		
	#	JP	10065043	A	Sumitomo Kinzoku Electro Device KK Sumitomo Metal Ind. Ltd.	03/06/1998		

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	T

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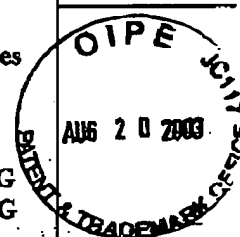
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Request for Continued Examination; Supplemental Information Disclosure Statement; Form PTO-1449 (4 pages); Cited References (61); Check

in re: Chad A. Cobbley, App. No. 09/649,428, Confirmation No. 7172, filed August 28, 2000, for PACKAGED

MICROELECTRONIC DEVICES WITH INTERCONNECTING UNITS AND METHODS FOR MANUFACTURING AND USING THE INTERCONNECTING UNITS.



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EXAMINER: ALONZO CHAMBLISS
ART UNIT: 2827
CONF. NO: 7172

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MAR 5 2004

Enclosures: Copy of RCE/IDS filed on August 20, 2003

OFFICE OF PATENT PUBLICATION
DIRECTOR'S OFFICE

Dear Ms. Clark,

Per your request to David Dutcher on March 5, 2004, attached is a copy of the Request for Continued Examination and Information Disclosure Statement filed on August 20, 2003. Per your instructions, we have not included a copy of the 61 cited references that were enclosed with the August 20, 2003 RCE/IDS.

Thank you,

Stephen P. Whelan
Paralegal

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